

FIG. 1A

atg agg gtc aca aag atc cat ggg aga agc atg gct tcc tgg ggt cac	48
Met Arg Val Thr Lys Ile His Gly Arg Ser Met Ala Ser Trp Gly His	
1 5 10 15	
aca ttc act cac cac ttc ctt tgg ctg gga gtg ggg gct ccc ttg gtt	96
Thr Phe Thr His His Phe Leu Trp Leu Gly Val Gly Ala Pro Leu Val	
20 25 30	
aca tgt cac tcc agg gtg ggt tgt tgc tcc ccc cct ttt ctt cat tct	144
Thr Cys His Ser Arg Val Gly Cys Cys Ser Pro Pro Phe Leu His Ser	
35 40 45	
cca tgg gtt tcc ctg atc agt ccc aat gcg agt acc tgg ata tat	192
Pro Trp Val Val Ser Leu Ile Ser Pro Asn Ala Ser Thr Trp Ile Tyr	
50 55 60	
cag ttg aag act ttg aag cct gag aaa aca gac tat gtt tat gtg aag	240
Gln Leu Lys Thr Leu Lys Pro Glu Lys Thr Asp Tyr Val Tyr Val Lys	
65 70 75 80	
ctt ttg ttt ctg gag atg aaa ata gca gag cca aga gga atg atg aaa	288
Leu Leu Phe Leu Glu Met Lys Ile Ala Glu Pro Arg Gly Met Met Lys	
85 90 95	
aaa ttc act gtt gga cta tat gga aaa ctc agg ctg tgt tca tgg tct	336
Lys Phe Thr Val Gly Leu Tyr Gly Lys Leu Arg Leu Cys Ser Trp Ser	
100 105 110	
ttg agt gaa cta ttt tca aca ttg aaa att gac aca cct cag cgg ggg	384
Leu Ser Glu Leu Phe Ser Thr Leu Lys Ile Asp Thr Pro Gln Arg Gly	
115 120 125	
agc att cag gat atc aat cat cgg gtg tgg gtt ctt cag gac cag acg	432
Ser Ile Gln Asp Ile Asn His Arg Val Trp Val Leu Gln Asp Gln Thr	
130 135 140	
ctc ata gca gtc ccg agg aag gac cgt atg tct cca gtc act att gcc	480
Leu Ile Ala Val Pro Arg Lys Asp Arg Met Ser Pro Val Thr Ile Ala	
145 150 155 160	
tta atc tca tgc cga cat gtg gag acc ctt gag aaa gac aga ggg gac	528
Leu Ile Ser Cys Arg His Val Glu Thr Leu Glu Lys Asp Arg Gly Asp	
165 170 175	
ccc atc tac ctg ggc ctg aat gga ctc aat ctc tgc ctg atg tgt gct	576
Pro Ile Tyr Leu Gly Leu Asn Gly Leu Asn Leu Cys Leu Met Cys Ala	
180 185 190	
aaa gtc ggg gac cag ccc aca ctg cag ctg aag gaa aag gat ata atg	624
Lys Val Gly Asp Gln Pro Thr Leu Gln Leu Lys Glu Lys Asp Ile Met	

FIG. 1B

gat ttg tac aac caa ccc gag cct gtg aag tcc ttt ctc ttc tac cac	672		
Asp Leu Tyr Asn Gln Pro Glu Pro Val Lys Ser Phe Leu Phe Tyr His			
210	215	220	
agc cag agt ggc agg aac tcc acc ttc gag tct gtg gct ttc cct ggc	720		
Ser Gln Ser Gly Arg Asn Ser Thr Phe Glu Ser Val Ala Phe Pro Gly			
225	230	235	240
tgg ttc atc gct gtc agc tct gaa gga ggc tgt cct ctc atc ctt acc	768		
Trp Phe Ile Ala Val Ser Ser Glu Gly Gly Cys Pro Leu Ile Leu Thr			
245	250	255	
caa gaa ctg ggg aaa gcc aac act act gac ttt ggg tta act atg ctg	816		
Gln Glu Leu Gly Lys Ala Asn Thr Thr Asp Phe Gly Leu Thr Met Leu			
260	265	270	
ttt		819	
Phe			